Cont A1

modified with an amine at the 5' end with a C6 linker and a biotin group on the 3' end. For the purpose of actual HLA genotyping, the Capture Oligonucleotide will not have a biotinylated 3' end. The oligonucleotide1 was incubated on a 96 well Covalent Binding Microwell plate (Xenobind™, Xenopore, Hawthorne, NJ) according to the manufacturer's instructions. The plate was then washed three times with phosphate-buffered-saline (PBS). ExtrAvidin® Peroxidase (SIGMA) was added and allowed to incubate on the tray. The plate was washed three times with PBS. TMB substrate (3,3',5,5' – Tetramethylbenzidine) was added to the plate, 1N HCl added and tray was read at 450 nm. The current optimum conditions for oligonucleotide binding was Capture Oligonucleotide at 100 ng/ul in PBS at pH 8.8 incubated overnight at 4°C. Alternatively, binding can occur at 37 °C for 2 hours with Capture Oligonucleotide at 100 ng/ul in PBS at pH 8.8.--

Please insert the accompanying paper copy of the Sequence Listing, page numbers 1 to 38, at the end of the application.

REMARKS

Applicants request entry of this amendment in adherence with 37 C.F.R. §§1.821 to 1.825. This amendment is accompanied by a floppy disk containing the above named sequences, SEQ ID NOS:1-278, in computer readable form, and a paper copy of the sequence information which has been printed from the floppy disk.

The information contained in the computer readable disk was prepared through the use of the software program "PatentIn" and is identical to that of the paper copy. This amendment contains no new matter.